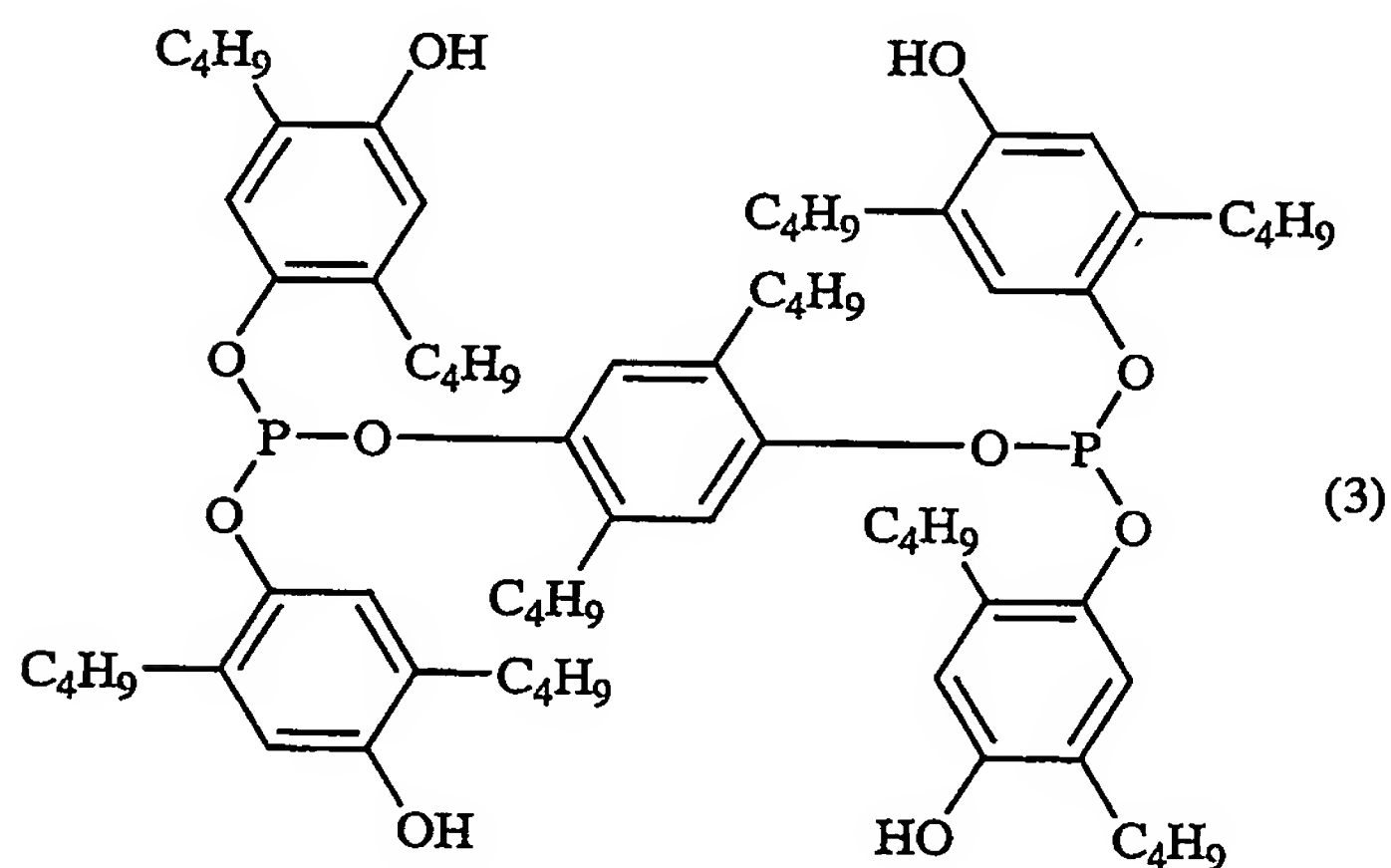
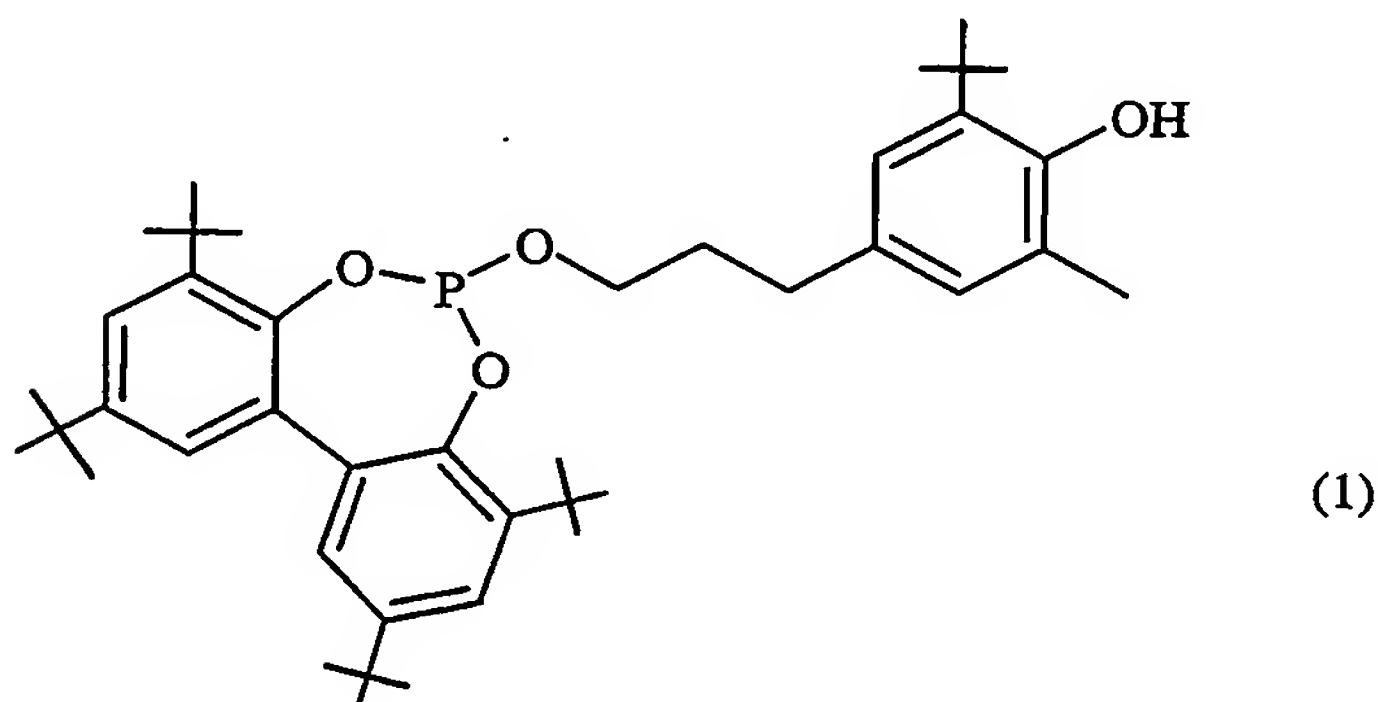


CLAIMS

1. A radiation-curable resin composition comprising
(A) a compound including a phosphite group and a phenolic hydroxyl group.
- 5 2. The radiation-curable resin composition according to claim 1, wherein compound (A) is chosen from the compounds with formula (1) and formula (3):



3. The radiation-curable resin composition according to claim 1 or claim 2, wherein 0.1-10 wt% of compound (A) is present.
- 10 4. The radiation-curable resin composition according to any one of claims 1-3, further comprising (B) a urethane (meth)acrylate, and (C) a reactive diluent copolymerizable with the component (B).

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5. The radiation-curable resin composition according to claim 4, comprising
(A) 0.1-10 wt% of a compound including a phosphite group and a phenolic hydroxyl group.
(B) 35-85 wt% of a urethane (meth)acrylate, and
5 (C) 1-60 wt% of a reactive diluent copolymerizable with the component (B).
6. A coating composition system, said system comprising a primary coating composition and a secondary coating composition for use as an optical fiber dual coating system, wherein at least one of the coating compositions is a composition according to any one of claims 1-5.
- 10 7. Use of a radiation-curable resin composition according to any of claims 1-5 as a primary coating, a secondary coating, an ink composition or a matrix material on an optical glass fiber.
8. Process for the production of coated optical fibers, wherein a radiation-curable resin composition according to any of claims 1-5 is used.
- 15 9. A coated optical fiber comprising a glass optical fiber having a primary coating, a coated optical fiber comprising a glass optical fiber having a primary coating and a secondary coating, a coated optical fiber comprising a glass optical fiber having a primary coating, a secondary coating and an upjacketing coating, a coated optical fiber comprising a glass optical fiber and a single coating, a coated optical fiber comprising a glass optical fiber, a single coating and an upjacketing coating, and each coated fiber optionally having an ink composition applied thereon, an optical fiber ribbon comprising at least two of said coated and optionally inked optical fibers held together by a matrix material, or an optical fiber cable comprising at least two of said coated and optionally inked optical fibers, wherein
20 at least one of said coatings, ink compositions or matrix materials is derived from a radiation-curable composition according to any one of claims 1-5.
- 25 10. Use of (A) a compound including a phosphite group and a phenolic hydroxyl group as a component in a radiation-curable resin composition.